

SAFETY DATA SHEETS

This SDS packet was issued with item:

077284441

N/A



MATERIAL SAFETY DATA SHEET

(Revision: 07/01/2014)

1. Identification of the Substance/Preparation and of the Company/Undertaking.

- Product Type: Lubricant
- Trade Name: **VV Lubricant, No. 56**
- Company: **Whip Mix Corporation**
361 Farmington Ave.
Louisville, Kentucky, USA 40209
Emergency Telephone Number: (502)-637-1451
Fax Number: (502) 634-4512

Transportation *CHEMTREC 1(800) 424-9300 (U.S. and Canada)*

Emergencies: *International Calls: 1- 703-527-3887 (Collect calls accepted)*

2. Hazard Identification.

- Avoid generation and inhalation of mist.
- Local ventilation should be used to keep employee exposure to mist below 5 mg/m³.
- Use of goggles or face shield is desirable to protect eyes
- Do not use near heat, flames or sparks.

3. Composition/Information on Ingredients.

Substance	CAS No.	EINECS	Concentration, %	R	S
Mineral Oil	64742-52-5		>90%	N/A	N/A
Proprietary additive			<5%	N/A	N/A

4. First-Aid Measures.

- For eye contact, flush with water and consult a physician.
- For skin contact, wash with soap and water.

5. Fire-Fighting Measures.

- Use dry chemical or CO₂ to extinguish.
- Special firefighting precautions: Avoid breathing vapors. Use breathing apparatus in confined areas.
- Decomposition products: Carbon monoxide, carbon dioxide and unidentified organic compounds.

6. Accidental Release Measures.

- Add absorbent to spill area.
- Keep out of sewers and waterways. Advise authorities if they do enter.

7. Handling and Storage.

- Do not handle near heat, flames or sparks.
- Keep container closed when not in use.

8. Exposure Controls/Personal Protection.

- Exposure limits:

	OSHA, PEL	ACGIH, TLV, 2014
Mineral oil (mist)	TWA 5mg/m ³	TWA 5 mg/m ³

9. Physical and Chemical Properties. <ul style="list-style-type: none"> • Amber liquid, mild petroleum odor Solubility in water (@ 20°C) insoluble Specific gravity (water=1) 0.950 Vapor pressure (mmHg @ 20°C) <0.1 Evaporation rate (ether=1) <0.01 Percent volatile (by weight) zero Vapor density (air) >1.0 Boiling point (°C) 315 Flash point (°C) 320°F Flammable limits LEL: unknown, UEL: unknown 	
10. Stability and Reactivity. <ul style="list-style-type: none"> • Basically stable under normal use conditions. • Keep away from strong oxidizers. • Note: Hazardous polymerization will not occur. 	
11. Toxicological Information. <ul style="list-style-type: none"> • May cause allergic skin reaction • Carcinogenicity: Not listed as carcinogen by OSHA, NTP or IARC. 	
12. Ecological Data. <ul style="list-style-type: none"> • This product has not been evaluated for ecotoxicity. Prevent or minimize all Petroleum products being released into sewers and waterways. 	
13. Disposal Considerations. <p>Dispose of at appropriate waste facility in accordance with local regulations for petroleum hydrocarbons. Standard 4 ounce packaging is not a significant quantity.</p>	
14. Transport Information. <ul style="list-style-type: none"> • No special transport is required. • Product is not regulated during transportation. 	
15. Regulatory Information. <ul style="list-style-type: none"> • Contains mineral oil which is regulated under section 311 of SARA of the Clean Water Act. 	
16. Other Information. <ul style="list-style-type: none"> • HMIS Rating: Health 1 Flammability 1 Reactivity 1 Personal Protection B <i>Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum; B-Prevent eye and skin contact</i> 	
Prepared By: Donna Ringo, CIH	Translated By:
Date: 7/1/2014	Date:

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SAFETY DATA SHEET
Regulation (EC) No 1907/2006 (REACH)

(Revision: 8/14/2015)

Section 1 Identification of the Substance/Preparation and of the Company/Undertaking.

1.1 Product Identifier

Product Type: Lubricant

Trade Names: VV Lubricant, No. 56

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Lubricant

Uses Advised Against: For professional use only.

1.3 Details of the Supplier of the Substance or Mixture

Manufacturer:

Whip Mix Corporation
361 Farmington Avenue
Louisville, Kentucky, USA 40209
Emergency Telephone Number: (502) 634-1451
Fax Number: (502) 634-4512

EU Importer

Whip Mix Europe GmbH
Wißstrasse 26 – 28
D – 44137 Dortmund
Germany
+49 (0) 231 / 567 70 8-0

1.4 Emergency Telephone Number

Transportation Emergencies: *For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night:*
Within USA and Canada: 1-800-424-9300 CCN216797
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

Other Product Information: **Need email address**

Section 2 Hazard Identification

2.1 Classification of the Mixture:

CLP/GHS Classification (1272/2008):

Health Hazards	Physical Hazards	Environmental Hazards
Not Hazardous	Not Hazardous	Not Hazardous

EU Classification (67/548/EEC): Not dangerous

2.2 Label Elements

None required

2.3 Other Hazards: None

Section 3 Composition/Information on Ingredients.

<u>Substance</u>	<u>CAS No. / EC Number</u>	<u>%</u>	<u>EU Classification (67/548/EEC)</u>	<u>CLP/GHS Classification (1272/2008)</u>
Mineral Oil	Proprietary	60-100	Not dangerous	Not hazardous
Vegetable Oil	Proprietary	0.1-1	Not dangerous	Not hazardous

See Section 16 for full text of GHS and EU Classifications.

Section 4 First-Aid Measures.

4.1 Description of First Aid Measures

Inhalation: No adverse effects expected. If inhaled, remove exposed person to fresh air. If irritation or other symptoms persist, get medical attention.

Eyes: Flush eyes with large quantities of water, holding the eyelids apart. If irritation persists consult a physician.

Skin: No first aid is required. Wash skin with soap and water. If irritation develops, get medical attention.

Ingestion: No adverse effects expected. If large amounts are swallowed or if irritation or discomfort occurs, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: Direct eye contact may cause mild eye irritation. Prolonged skin contact may cause irritation. Inhalation of vapors or mists may cause upper respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not required.

Section 5 Fire-Fighting Measures.

5.1 Extinguishing Media: Use water spray, carbon dioxide, alcohol foam or dry chemical to extinguish. Do not use a water jet as the product may float on the surface and spread the fire.

5.2 Special Hazards Arising from the Substance or Mixture: Heat may cause the containers to pressurize and possibly rupture. Combustion may produce carbon oxides.

5.3 Advice for Fire-Fighters: Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Cool fire exposed containers with water.

Section 6 Accidental Release Measures.

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective equipment. Avoid contact with eyes, skin and clothing.

6.2 Environmental Precautions: Report releases as required by local and national authorities.

6.3 Methods and Material for Containment and Cleaning Up: Collect with an inert absorbent and place into an appropriate container for disposal.

6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

Section 7 Handling and Storage.

7.1 Precautions for Safe Handling: Avoid contact with eyes skin and clothing. Avoid breathing vapors or mists. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly after handling.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated location away from oxidizing agents and other incompatible materials.

7.3 Specific end use(s):

Industrial uses: None identified

Professional uses: Lubricant

Section 8 Exposure Controls/Personal Protection

8.1 Control Parameters:

Mineral Oil	5 mg/m3 TWA OSHA PEL (as oil mist) 5 mg/m3 TWA ACGIH TLV (inhalable) 5 mg/m3 TWA Belgium OEL 5 mg/m3 TWA Netherlands OEL 5 mg/m3 TWA Ireland OEL (inhalable) 5 mg/m3 TWA Spain OEL 10 mg/m3 STEL UK OEL
Vegetable Oil	5 mg/m3 TWA (respirable fraction), 15 mg/m3 TWA (total dust) OSHA PEL 10 mg/m3 TWA Belgium OEL 0.2 mg/m3 TWA Sweden OEL

8.2 Exposure Controls:

Recommended Monitoring Procedures: None.

Appropriate engineering controls: Use adequate general or local exhaust ventilation to minimize exposures levels.

Personal Protective Measures

Respiratory protection: None normally required. If the exposures are excessive and irritation is experienced an approved dust/mist respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Skin protection: Wear impervious gloves such as butyl rubber or neoprene gloves for prolonged skin contact.

Eye protection: Wear chemical safety goggles if splashing is possible.

Other: Protective clothing as required to avoid prolonged skin contact.

Section 9 Physical and Chemical Properties.

9.1 Information on basic Physical and Chemical Properties

Appearance: Amber liquid

Odor: Mild petroleum odor

Odor threshold: Not available

Melting point/freezing point: Not available

Flash point: 320°F 160°C)

Flammability (solid, gas): Not applicable

Flammable limits: LEL: Not available

Vapor pressure: Not available

Relative density: 0.95

Partition coefficient: n-octanol/water: Not available

Decomposition temperature: Not available

Explosive Properties: Not applicable

pH: Not available

Boiling point: Not available

Evaporation rate: Not available

UEL: Not available

Vapor density (air = 1): Not available

Solubility In Water: Insoluble

Auto-ignition temperature: Not available

Viscosity: 24 cSt @ 40°C

Oxidizing Properties: Not applicable

9.2 Other Information: None

Section 10 Stability and Reactivity.

10.1 Reactivity: Not reactive under normal conditions of use.

10.2 Chemical stability: Stable

10.3 Possibility of hazardous reactions: None known. .

10.4 Conditions to avoid: Avoid excessive heat or contamination.

10.5 Incompatible materials: Avoid oxidizing agents.

10.6 Hazardous decomposition products: Thermal decomposition may produce may produce carbon oxide.

Section 11 Toxicological Information.

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes: May cause mild irritation with redness and tearing.

Skin: Prolonged skin contact may cause irritation.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea and diarrhea.

Inhalation: Inhalation of vapors or mists may cause irritation of the eyes, nose and throat.

Chronic Health Effects: None known.

Acute Toxicity Data:

Product: Oral rat LC50 >5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg

Section 12. Ecological Data.

12.1 Ecotoxicity:

Product: No data available

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Results of PBT and vPvB assessment: Not required.

12.6 Other adverse effects: Not required.

Section 13. Disposal Considerations.

13.1 Waste Treatment Methods: Dispose in accordance with all national and local regulations.

Section 14. Transport Information.

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
Canadian TDG		Not Regulated			
EU ADR/RID		Not Regulated			
IMDG		Not Regulated			
IATA/ICAO		Not Regulated			

14.6 Special precautions for User: Not applicable

14.7 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Section 15 Regulatory Information.

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

US Regulations

SARA Section 313 (40 CFR 372): This product contains the following toxic chemical(s) subject to reporting requirements of SARA 313: None

SARA Section 311/312 (40 CFR 370) Hazard Categories: Not hazardous

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California: This product contains chemical known to the state of California to cause cancer and/or reproductive toxicity.

International Chemical Inventories

United States Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA inventory

16. Other Information.

HMIS Rating: Health 1 Flammability 1 Reactivity 0

Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum

CLP/GHS Classification and H Phrases for Reference (See Section 3)

None

Prepared By: <i>Denise A. Deeds</i>	Translated By:
Date: August 14, 2015	Date: